

From: ["Vickstrom, Kyle E." <vickstromke@cdmsmith.com>](mailto:vickstromke@cdmsmith.com)  
To: ["Sheldrake, Sean" <sheldrake.sean@epa.gov>](mailto:sheldrake.sean@epa.gov)  
["Nearhood, Jennifer" <Nearhood.Jennifer@epa.gov>](mailto:Nearhood.Jennifer@epa.gov)  
CC: ["Zhen, Davis" <Zhen.Davis@epa.gov>](mailto:Zhen.Davis@epa.gov)  
["Cora, Lori" <Cora.Lori@epa.gov>](mailto:Cora.Lori@epa.gov)  
["Ebright, Stephanie" <EBRIGHT.STEPHANIE@EPA.GOV>](mailto:EBRIGHT.STEPHANIE@EPA.GOV)  
["Gustavson, Karl" <Gustavson.Karl@epa.gov>](mailto:Gustavson.Karl@epa.gov)  
Date: 8/27/2019 9:22:12 PM  
Subject: RE: Comments on Pre-RD PPT atty client5

---

Hi Jennifer,

Thank you very much for your comments on the Pre-RD briefing presentation. I have incorporated the edits and provided additional clarification/context to the slides with figures. I look to doing a brief presentation tomorrow for Cyndy.

Best,

Kyle Vickstrom

425.519.8372; cell (b) (6)

From: Sheldrake, Sean <sheldrake.sean@epa.gov>  
Sent: Tuesday, August 27, 2019 4:19 PM  
To: Nearhood, Jennifer <Nearhood.Jennifer@epa.gov>; Vickstrom, Kyle E. <vickstromke@cdmsmith.com>  
Cc: Zhen, Davis <Zhen.Davis@epa.gov>; Cora, Lori <Cora.Lori@epa.gov>; Ebright, Stephanie <EBRIGHT.STEPHANIE@EPA.GOV>; Gustavson, Karl <Gustavson.Karl@epa.gov>  
Subject: RE: Comments on Pre-RD PPT atty client5

Jennifer, I like your comments.

To your ? on the SMB/sediment correlation, we should add at least speaker notes about why Cyndy, Susan, Steven, etc. should care I think. What preRD are arguing is that there is a weak relationship between bass (target) and sediment (RAO2), therefore why clean up sediment for \$1b? We do not agree with their argument and see great benefit to hot spot cleanup as it relates to lowering SMB tissue concentrations (and it's expected other species will decline in concentration as well due to hot spot cleanup) immediately via construction and over time via MNR—and that the food web model (which they are trying to impeach the validity of) is still valid (to the extent any RI/FS is 100% accurate, it's as accurate as is expected one can get with a 20 year study). I'm sure we could optimize the relationship between SMB and sediment with perpetual study, but then again that doesn't seem the intent of CERCLA and the NCP in my view.

Thank you.

S

Sean Sheldrake

U.S. Environmental Protection Agency

RPM, Superfund and Emergency Management Division

Unit Diving Officer, Laboratory Services and Applied Sciences Division

1200 Sixth Avenue, Suite 155, M/S DOC-01

Seattle, WA 98101

206.553.1220 desk

206.225.6528 cell

<https://www.epa.gov/scientific-diving> <[https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_www.epa.gov\\_scientific-2Ddiving&d=DwMFAg&c=NpiPIT1KNSO0vXgGk6ogJQ&r=hBpjn6Aq92O\\_l82O\\_zh5nSBAnWbiw5xmJLAW9P9Gm\\_s&m=ge3EAFxivF8YP\\_-g1DjTK-Nq8rF0wO2jz2gXY0s3fv0&s=T-ZgTPZz3saZchaiYNZopriNnxifzZii9GjV\\_YgxKPo&e=>](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.epa.gov_scientific-2Ddiving&d=DwMFAg&c=NpiPIT1KNSO0vXgGk6ogJQ&r=hBpjn6Aq92O_l82O_zh5nSBAnWbiw5xmJLAW9P9Gm_s&m=ge3EAFxivF8YP_-g1DjTK-Nq8rF0wO2jz2gXY0s3fv0&s=T-ZgTPZz3saZchaiYNZopriNnxifzZii9GjV_YgxKPo&e=>)>

<https://www.facebook.com/EPADivers> <[https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_www.facebook.com\\_EPADivers&d=DwMFAg&c=NpiPIT1KNSO0vXgGk6ogJQ&r=hBpjn6Aq92O\\_l82O\\_zh5nSBAnWbiw5xmJLAW9P9Gm\\_s&m=ge3EAFxivF8YP\\_-g1DjTK-Nq8rF0wO2jz2gXY0s3fv0&s=xqvqWy9c7d8gOG0l9HNGD8XI01cdXNgRdbmOKnVr0GI&e=>](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.facebook.com_EPADivers&d=DwMFAg&c=NpiPIT1KNSO0vXgGk6ogJQ&r=hBpjn6Aq92O_l82O_zh5nSBAnWbiw5xmJLAW9P9Gm_s&m=ge3EAFxivF8YP_-g1DjTK-Nq8rF0wO2jz2gXY0s3fv0&s=xqvqWy9c7d8gOG0l9HNGD8XI01cdXNgRdbmOKnVr0GI&e=>)>

<https://www.epa.gov/superfund/portland-harbor> <[https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_www.epa.gov\\_superfund\\_portland-2Dharbor&d=DwMFAg&c=NpiPIT1KNSO0vXgGk6ogJQ&r=hBpjn6Aq92O\\_l82O\\_zh5nSBAnWbiw5xmJLAW9P9Gm\\_s&m=ge3EAFxivF8YP\\_-g1DjTK-Nq8rF0wO2jz2gXY0s3fv0&s=7yNsffZrzgObTVQFBhgdSi3x5SFHuABxdemp\\_F9bxqs&e=>](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.epa.gov_superfund_portland-2Dharbor&d=DwMFAg&c=NpiPIT1KNSO0vXgGk6ogJQ&r=hBpjn6Aq92O_l82O_zh5nSBAnWbiw5xmJLAW9P9Gm_s&m=ge3EAFxivF8YP_-g1DjTK-Nq8rF0wO2jz2gXY0s3fv0&s=7yNsffZrzgObTVQFBhgdSi3x5SFHuABxdemp_F9bxqs&e=>)>

From: Nearhood, Jennifer <Nearhood.Jennifer@epa.gov <mailto:Nearhood.Jennifer@epa.gov> >  
Sent: Tuesday, August 27, 2019 12:45 PM  
To: Vickstrom, Kyle E. <vickstromke@cdmsmith.com <mailto:vickstromke@cdmsmith.com> >  
Cc: Zhen, Davis <Zhen.Davis@epa.gov <mailto:Zhen.Davis@epa.gov> >; Sheldrake, Sean <sheldrake.sean@epa.gov <mailto:sheldrake.sean@epa.gov> >  
Subject: Comments on Pre-RD PPT

Hi Kyle,

See attached for my suggested changes on slides 1-11 (I used highlights and comment bubbles to mark each change). I will follow-up with an email later in the day about where to send the final ppt and EPA comments (to me, or directly to Cyndy).

Best,

Jennifer

Jennifer Nearhood  
Attorney-Advisor  
U.S. EPA/OECA/OSRE/RSD  
1200 Pennsylvania Ave., NW (MC 2272A)  
Washington, DC 20460  
Phone: (202) 564-2721